

MCU Knockout cell line (BEAS-2B)

Catalog Number: KOA21432

Product Information	
Product Name	MCU Knockout cell line (BEAS-2B)
specification	1*10 ⁶
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adherent
Passage ratio	1:3~1:4
species	Human
Gene	MCU
Gene ID	90550
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM+10% FBS
Price (USD)	Inquiry
Parental Cell Line	BEAS-2B
Quality Control	Genotype: MCU Knockout cell line (BEAS-2B)>95% viability before freezing. All cells were tested and found to be free of bacterial, viruses,mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	mitochondrial calcium uniporterprovided by HGNC
Also known as	HsMCU; C10orf42; CCDC109A
Gene Description	Enables calcium channel activity; identical protein binding activity; and uniporter activity. Involved in several processes, including cellular response to calcium ion starvation; positive regulation of mitochondrial calcium ion concentration; and positive regulation of mitochondrial fission. Located in mitochondrion. Part of uniplex complex. Is active in mitochondrial inner membrane. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in stomach (RPKM 19.3), colon (RPKM 14.7) and 24 other tissues See more